Developmental Medicine & Child Neurology

Volume 28 1986

INDEX

Authors and subjects of articles in the body of the journal are indexed together. Abstracts are included in the general index and listed under both subjects and authors, with '(abstr.)' at the end of the title. Letters to the Editor are indicated by the symbol '(L)'.

KEY TO ISSUES AND PAGES

Issues	*Pages*	*Issue*	*Pages*
No. 1	1–135	No. 4	415–556
No. 2	137–275	No. 5	557–694
No. 3	277–414	No. 6	695–836

ABARBANEL, J. M., HERTZANU, Y. and HERISHANU, Y.: Traumatic trochlear-nerve palsy due to haematoma, 509

ABE, J. *See* FUTAGI, Y., 413

ABOUALFA, M., ROCHEFORT, M. and WILKINSON, A.: Suboccipito-vault skull diameter: an early indicator of ventricular dilatation in preterm babies, 740

Accidental injury, no-fault compensation for, 515, 518

ACTH, effect on cerebral blood flow in children with intractable epilepsy (abstr.), 413

Acuity Card Procedure, assessment of visual acuity in infants and children, 779

Acute transverse myelopathy in childhood, 198

ADAM, K. A. R. *See* NAIM-UR-RAHMAN, 72

ADAMS, G. and GREEN, S.: Late-onset hexosaminidase A and hexosaminidase A and B deficiency: family study and review, 236

ADINOLFI, M.: Development of the human blood-CSF-brain barrier, 262(L)

Adolescence
- panic disorder, neurological presentations of, 617
- self-esteem of the handicapped, 81

AGARWAL, G. C. *See* MYKLEBUST, B. M., 440

Age
- chronological and adjusted, in comparison of motor development of healthy preterm and fullterm infants, 180
- maternal, and congenital optic nerve hypoplasia, 294

Ageing and mental handicap, 519

AICARDI, J. *See* SAMMARITANO, M., 411

ALBERMAN, E. *See* EVANS, P., 547(L)

ALBERTSSON-WIKLAND, K. *See* GILLBERG, C., 624

Alcohol consumption during pregnancy, 649
- fetal syndrome, maternal auto-immune aetiology, 654

ALLEN, D. *See* SHAPIRO, B. K., 729

ALLEN, M. C. and CAPUTE, A. J.: Assessment of early auditory and visual abilities of extremely premature infants, 458

Ambulation of children with myelomeningocele: parapodium *vs.* parapodium with ORLAU swivel modification, 489

American Academy for Cerebral Palsy and Developmental Medicine
- Annual Meeting, Seattle, 1985: Report, 84; abstracts, 85
- Annual Meeting, New Orleans, 1986: Abstracts, *Suppl.* 53

AMIEL-TISON, C. and ELLISON P.: Birth asphyxia in the fullterm newborn: early assessment and outcome, 671

ANDERMANN, P. *See* SAMMARITANO, M., 411

ANNOTATIONS
- Ageing and mental handicap, 519
- Bonding and attachment, its relevance for the present-day clinician, 803
- Cerebral palsy in Singapore, 522
- Family therapy and the handicapped child, 247
- Gifted children, up-date on, 77
- Intellectual functioning, assessment across the life-span in severe cerebral palsy, 369
- Intermittent deafness and learning, 364
- Low-birthweight studies, difficulties in comparing outcomes, because of obsolescent test norms, 244
- No-fault compensation for accidental injury, 515, 518
- Non-invasive assessment of neonatal cerebral function, 372
- Self-esteem of handicapped children and adolescents, 81

Antibiotic prophylaxis in CSF shunting: trial in hydrocephaly (abstr.), 835
Anti-myelin-associated glycoprotein antibody, role in polyneuropathy and IgM monoclonal gammopathy (abstr.), 272
Aphasia and handedness (abstr.), 832
ARAM, D. M., EKELMAN, B. L. and SATZ, P.: Trophic changes following early unilateral injury to the brain, 165
Asphyxia, birth
early predictors of one-year outcome, 303
in the fullterm newborn, 671
ASTBURY, J., ORGILL, A. A., BAJUK, B. and YU, V. Y. H.: Sequelae of growth failure in appropriate for gestational age, very low-birthweight infants, 472
Auditory
abilities, of extremely premature infants: assessment, 458
arousal thresholds, of normal and near-miss SIDS infants, 299
AULD, P. A. M. *See* LIPPER, E. G., 303; ROSS, G., 171
Autism
fragile-X syndrome (AFRAX), folic acid in treatment of children with, 624
syndrome, effects of fenfluramine, 229, 817(L)
tuberous sclerosis and, 814(L)
Auto-immune component, maternal, in aetiology of fetal alcohol syndrome, 654
AUZIAS, M.: Marguerite Auzias' test of handedness, 546(L)

Babywalkers, effects on early locomotor development, 757
BAEHNER, R. L. *See* ROYER-POKORA, B., 833
BAIRD, H. W.: No-fault compensation for accidental injury, 518. *See also* BAX, M., 1
BAIRSTOW, P. J. and LASZLO, J. I.: Measurement of kinaesthetic sensitivity, 194, 544(L)
BAJUK, B. *See* ASTBURY, J., 472
BANNISTER, C. M. and CHAPMAN, S. A.: Response of fetal rat brain to trauma during the 17th to 21st day of gestation, 600
BARRY, C. *See* FITZPATRICK, C., 589, 596
BARTOSHESKY, L. E., HALLER, J., SCOTT, M. and WOJICK, C.: Seizures in children with myelomeningocele (abstr.), 273
Batten's disease, serum lipiud abnormalities, 815(L)
BAUM, J. D. *See* WEBER, F., 19
BAX, M.: Aims and outcomes of therapy for the cerebral-palsied child, 695
Imagination and peer reviewing, 415
New forms of treatment, 137
Perinatal care—success or failure? 277
Standardisation of recording and reporting cerebral palsy, 818(L)
with BAIRD, H. W. and MITCHELL, R. G.: Mac Keith Press, 1
BEHARAB, A. *See* SHAFRIR, Y., 646
Behaviour
development at age six, of neurologically deviant newborns, 569
differences, of school-age children who were small-for-dates babies, 498
self-initiated, of very young children with locomotor disability: effects of powered mobility, 325
BELT-NIEDBALA, B. J., EKVALL, S., COOK, C. M., OPPENHEIMER, S. and WESSEL, J.: Linear growth measurement: a comparison of single arm-lengths and arm-span, 319
BENNETT, M. J., GILLIS, W. S., HOSKING, G. P., GALLOWAY, J. H. and CARTWRIGHT, I. J.: Lipid abnormalities in serum in Batten's disease, 815(L)
BENSON, H. *See* FENTRESS, D. W., 139
BERNINGER, V. W. *See* MCCARTY, S. M., 369
BERRY, M. and SPECTOR, R.: The nerve cell, *Suppl.* 51
Bethanechol, acute dystonic reaction to, 646
BILL, J. M., SYKES, D. H. and HOY, E. A.: Difficulties in comparing outcomes of low-birthweight studies because of obsolescent test norms, 244
Biofeedback
and relaxation-response training in treatment of paediatric migraine, 139
augmented auditory, in gait training of the cerebral palsied child, 147
BLECK, E. E.: East meets west, north meets south: cerebral palsy in Singapore, 522
Blood-brain-CSF-barrier, human, development of, 262(L)
Blood flow, cerebral, in children with intractable epilepsy, effect of ACTH (abstr.), 413
BLUM, D. *See* KAHN, A., 299
Body orientation in space, effects on tonic muscle activity in cerebral palsy, 41
Body schema: does it depend on bodily-derived sensations? 49
BOLAND, M. *See* PATRICK, J., 734
Bonding and attachment, relevance for the present-day clinician, 303

BOOK REVIEWS

ANNETT, M.: *Left, Right, Hand and Brain: the Right Shift Theory*, 551
AUZIAS, M. *Enfants Gauchers, Enfants Droitiers: une Épreuve de Lateralité Usuelle, 2nd Edn.*, 129
BALDWIN, S.: *The Cost of Caring: Families with Disabled Children*, 689
BENSON, P. F. and FENSOM, A. H.: *Genetic Biochemical Disorders (Oxford Monographs on Medical Genetics)*, 687
CAMERON, N.: *The Measurement of Human Growth*, 265
CHAPMAN, P. H.: *Concepts in Pediatric Neurosurgery*, 826
CHESS, S. and HASSIBI, M.: *Principles and Practice of Child Psychiatry, 2nd Edn.*, 826
CHISWICK, M. L. (Ed.): *Recent Advances in Perinatal Medicine, Vol. 2*, 401
CLAYTON, B. E. and ROUND, J. M. (Eds.): *Chemical Pathology and the Sick Child*, 264
CLOHERTY, J. P. and STARK, A. R. (Eds.): *Manual of Neonatal Care, 2nd Edn.*, 552
CRAFT, M., BICKNELL, J. and HOLLINS, S. (Eds.): *Mental Handicap: a Multi-disciplinary Approach*, 266
DARBY, J. K.: *Speech and Language Evaluation in Neurology: Childhood Disorders*, 827
DAVIS, H. and BUTCHER, P. (Eds.): *Sharing Psychological Skills: Training Non-psychologists in the Use of Psychological Techniques*, 405
DUBOWITZ, V.: *Muscle Biopsy: a Practical Approach, 2nd Edn.*, 403
Equipment for the Disabled: Hoists and Lifts, 1st Edn., 267

Book reviews, cont.
Equipment for the Disabled: Walking Aids, 1st Edn., 267
FALK, A. and COLANGELO, C.: *Positioning the Client with Central Nervous System Deficits: the Wheelchair and Other Adapted Equipment*, 826
FALVEY, M. A.: *Community-based Curriculum: Instructional Strategies for Students with Severe Handicaps*, 127
FERRY, C., BANNER, W., Jr. and WOLF, R. A.: *Seizure Disorders in Children*, 400
GAMSTORP, I.: *Paediatric Neurology, 2nd Edn.*, 402
GOLDFARB, L., BROTHERSON, M. J., SUMMERS, J. A. and TURNBULL, M. P.: *Meeting the Challenge of Disability or Chronic Illness: a Family Guide*, 824
Health: Child Health Surveillance, 553
HOSKING, G. and POWELL, R.: *Chronic Childhood Disorders: a Handbook of Medical Care in the Community*, 824
JEFFREE, D. M., McCONKEY, R. and HEWSON, S.: *Let Me Play, 2nd Edn.*, 404
JONES, M. L.: *Home Care for the Chronically Ill or Disabled Child. A Manual and Source Book for Parents and Professionals*, 125
LANE, D. and STRATFORD, B. (Eds.) *Current Approaches to Down's Syndrome*, 127
McCANDLESS, D. W. (Ed.): *Cerebral Energy Metabolism and Metabolic Encephalography*, 126
McILWAIN, H. and BACHELARD, H. S.: *Biochemistry and the Central Nervous System, 5th Edn.*, 404
MENKES, J. (Ed.): *Textbook of Child Neurology, 3rd Edn.*, 126
MORGAN, S. R.: *Children in Crises: a Team Approach in the Schools*, 405
MYRIANTHOPOULOS, N. C.: *Malformations in Children from One to Seven Years: a Report from the Collaborative Perinatal Project*, 550, 687
O'DONNELL, B.: *Abdominal Pain in Children*, 825
POLNAY, L. and HULL, D.: *Community Paediatrics*, 128
ROBERTON, N. R. C.: *A Manual of Neonatal Intensive Care, 2nd Edn.*, 825
ROGER, J., DRAVET, C., BUREAU, M., DREIFUSS, F. E. and WOLF, P.: *Epileptic Syndrome in Infancy, Childhood and Adolescence*, 400
STEWART, W.: *Counselling in Rehabilitation*, 688
WALSH, K. W.: *Understanding Brain Damage: a Primer of Neuropsychological Evaluation*, 264
WOOD, C. and TROUNSON, A. (Eds.): *New Clinical Issues in In Vitro Fertilization. Clinics in Obstetrics and Gynaecology, Vol. 12, No. 4.* 686
WYNNE-DAVIS, R., HALL, C. M. and APLEY, A. G.: *Atlas of Skeletal Dysplasias*, 403
YEH, T. F.: *Drug Therapy in the Neonate and Small Infant*, 406
ZINS, J. E., WAGNER, D. I. and MAHER, C. A.: *Health Promotion in the Schools: Innovative Approaches to Facilitating Physical and Emotional Well-being*, 266

BOYLE, L. W. *See* KITCHEN, W. H., 579
BRADSHAW, J. *See* COOKE, K., 610
Brain
blood-CSF-brain barrier, human, development, 261(L)
damage, perinatal, outcome of: rôle of normal neuron loss and axon retraction, 375
early unilateral injury to, trophic changes following, 165
fetal rat, response to trauma during the 17th to 21st day of gestation, 600
oestrogen receptors, ontogeny (abstr.), 273
polycystic disease, congenital, 72
subclincial swelling in children during treatment of diabetic ketoacidosis (abstr.), 412
BREWER, R. *See* COOKE, K., 610
BRITTEN, H. *See* BRITTEN, N., 719
BRITTEN, N., MORGAN, K., FENWICK, P. B. C. and BRITTEN, H.: Epilepsy and handicap from birth to age 36; 719
BRYAN, E. M. *See* ELLIMAN, A. M., 745
BUDDEN, S. S. *See* STUBBS, E. G., 229
BUNTON, J. *See* PARKINSON, C. E., 498
BURD, L. *See* FISHER, W., 814(L)
Butane-gas intoxication during pregnancy, maternal, hydranencephaly after, 361
BUTLER, C.: Effects of powered mobility on self-initiated behaviours of very young children with locomotor disability, 325

CALLON, M. *See* SELLEY, W. G., 821(L)
CAMFIELD, P. *See* SAMMARITANO, M., 411
Canadian Maritime Provinces, major mental handicap in, 697
CAPUTE, A. J., PALMER, F. B., SHAPIRO, B. K., WACHTEL, R. C., SCHMIDT, S. and ROSS, A.: Clinical Linguistic and Auditory Milestone Scale: prediction of cognition in infancy, 762
See also ALLEN, M. C., 458; SHAPIRO, B. K., 729
Carbamazepine levels, 713
CARDIA, E. *See* GUZZETTA, F., 62
CARTWRIGHT, I. J. *See* BENNETT, M. J., 815(L)
CAVANAGH, N. and KENDALL, B.: High density on computed tomography in infantile Krabbe's disease: a case report, 799
CAWOOD, A. *See* HODGES, S., 708
Cerebral
blood flow, in children with intractable epilepsy, effect of ACTH (abstr.), 413
function, neonatal, non-invasive assessment, 372
lesion, severity, during childhood, relationship with aphasia and handedness (abstr.), 832
oedema, focal, prolonged, associated with partial status epilepticus (abstr.), 411
palsy
aims and outcomes of therapy, 695
gait training of children with, augmented auditory feedback as aid, 147
growth, severely impaired: neurological *vs.* nutritional factors, 729
inhibitive casting as adjunct to physiotherapy in children with, 480
intellectual functioning, assessment across life-span in severe cerebral palsy, 369
low-birthweight (<2000g) infants, 559
Malibu Cerebral Palsy Working Group, California, 1986: report, 683
pulmonary function of children with: effect of adaptive seating, 351
Singapore, 522
standardisation of recording and reporting of, report of a meeting, 547(L), 818(L)

Cerebral palsy, cont.
tonic muscle activity, effects of body orientation in space, 41
upper extremity, management of (abstr.), 274
wasting in children with, rapid correction of, 734
Cerebrospinal fluid
blood-CSF-brain barrier, human, development, 261(L)
neurotransmitter abnormalities: Lesch-Nyhan syndrome (abstr.), 411
sedimentation cytomorphology of, in ventriculitis, 213
shunting, antibiotic prophylaxis in: trial in hydrocephaly (abstr.), 835
CHAPMAN, S. A. *See* BANNISTER, C. M., 600
CHARNEY, M. M. *See* MCCORMICK, M. C., 53
CHAUVENET, A. *See* KIRKPATRICK, J. S., 511
Childhood
acute transverse myelopathy in, 198
aphasia and handedness in relation to hemispheric side, age at injury and severity of cerebral lesion during childhood (abstr.), 832
disintegrative psychosis: teenage follow-up, 34, 818(L)
nocturnal enuresis and penile erection, 548(L)
panic disorder, neurological presentations of, 617
Children
Acuity Card Procedure, assessment of visual acuity, 779
behavioural differences of school-agers who were small-for-dates babies, 498
brain swelling, subclinical, during treatment of diabetic ketoacidosis (abstr.), 412
disablement, family dissolution and reconstruction, 610
epileptic and healthy: quantative vibratory perception thresholds, 772
gifted, up-date on, 77
growth of severely impaired children: neurological *vs.* nutritional factors, 729
handicapped, family therapy, 247
self-esteem of, 81
language development of term and preterm children during the first five years of life, 333
phenytoin, bio-availability and dissolution of three preparations, 708
subgleal haematoma without skull fracture, 511
visually impaired, eye and hand movements, 285
with autism fragile-X syndrome: folic acid treatment, 624
with cerebral palsy. *See* Cerebral palsy
with Friedreich's ataxia, information processing speed of, 310
with intractable epilepsy, effect of ACTH on cerebral blood flow (abstr.), 413
with locomotor disability, effects of powered mobility on self-initiated behaviours, 325
with myelomeningocele. *See* Myelomeningocele
without neurological deficit, 10-year consistency in neurological test performance, 417
CLARK, M. W. *See* KAZAK, A. E., 220
Clinical Linguistic and Auditory Milestone Scale, prediction of cognition in infancy, 762
Cognition in infancy, prediction by Clinical Linguistic and Auditory Milestone Scale, 762
COLE, F. S. *See* ROYER-POKORA, B., 833
CONNOLLY, K. *See* ELLIOTT, J., 543(L); DOYLE, A. J. R., 188
CONRY, R. F. *See* ROBINSON, G. C., 294
COOK, C. M. *See* BELT-NIEDBALA, B. J., 319
COOKE, K., BRADSHAW, J., LAWTON, D. and BREWER, R.: Child disablement, family dissolution and reconstitution 610
CORK, L. *See* SMALL, J. A., 834
Corpus callosum, agenesis of (abstr.), 833
CRAIG, G. L. *See* HAMILTON, A. H., 819(L)
CRISOSTOMO, E. A., LEATON, E. and ROSENBLUM, E. L.: Features of intracranial aneurysms in infants and report of a case, 68
CROUCHMAN, M.: The effects of babywalkers on early locomotor development, 757
CURNUTTE, J. T. *See* ROYER-POKORA, B., 833
Current articles on developmental medicine, child neurology, cerebral palsy and kindred subjects, 130, 268, 407, 554, 691, 828
CURTIS, H. *See* SELLEY, W. G., 821(L)

DALHLERUP, B. *See* SCHMIDT, K., 835
Deafness, intermittent, and learning, 364
Decompression, surgical, management of severe intracranial hypertension, 506
DEONNA, T. and MITCHELI, J.-L.: Infantile status epilepticus as a complication of 'near-miss' sudden infant death syndrome, 120(L)
Development, norms for, 122(L)
Developmental Medicine and Child Neurology, bibliography of selected books and articles received in 1985: *Suppl.* 52
Diabetic ketoacidosis, treatment, in children, subclinical brain swelling during (abstr.), 412
Disablement, child, and family dissolution and reconstitution, 610
Disintegrative psychosis of childhood: teenage follow-up, 34, 818(L)
DOBSON, V. *See* TELLER, D. Y., 779
Down syndrome, facial surgery and an active modification approach: psychological and ethical issues (abstr.), 410
DOYLE, A. J. R., ELLIOTT, J. M. and CONNOLLY, K. J.: Measurement of kinaesthetic sensitivity, 188
DOYLE, A. J. R. *See* ELLIOTT, J. M., 543(L)
DUC, G. *See* LARGO, R. H., 333
Duchenne muscular dystrophy
communication within families, 596
prophylactic surgery, 398(L)
psychiatric disorder among boys with, 589
respiratory muscle training in, 314
wheelchair-dependent patients: spinal curvature, hand dominance and prolonged upper-extremity use, 628
DUNNE, K., HOPKINS, I. J. and SHIELD, L. K.: Acute transverse myelopathy in childhood, 198
Dysautonomia, familial, in a non-Jewish girl, 62
Dysmyelination in transgenic mice, caused by early region of human papovirus JC (abstr.), 834
Dystonia, benign idiopathic, with onset in the first year of life, 355
Dystonic reaction, acute, to bethanechol, 646

EDEN, O. B. *See* KONTOPOLOUS, E., 213

EDITORIALS
Aims and outcomes of therapy for the cerebral-palsied child, 695
Imagination and peer reviewing, 415
Mac Keith Press, 1
New forms of treatment, 137
Perinatal care—success or failure? 277
Toward a world perspective, 557

EDOUARD, L.: The epidemiology of perinatal mortality (abstr.), 412
EDWARDS, M. J. *See* SMITH, M. S. R., 806
EDWARDS, N. L. *See* SILVERSTEIN, F. S., 411
EEG abnormality, absence of, in progressive familial myoclonus, 259(L)
EKELMAN, B. L. *See* ARAM, D. M., 165
EKVALL, S. *See* BELT-NIEDBALA, B. J., 319
Elastase I levels during oral zinc therapy, 123(L)
Electrical stimulation, chronic, muscle properties following, 662
ELLIMAN, A. D. *See* ELLIMAN, A. M., 745
ELLIMAN, A. M., BRYAN, E. M., ELLIMAN, A. D. and STARTE, D.: Narrow heads of preterm infants—do they matter? 745
ELLIOTT, J. M., CONNOLLY, K. and DOYLE, A. J. R.: Measurement of kinaesthetic sensitivity, 543(L)
See also DOYLE, A. J. R., 188
ELLIS, R. E. *See* SELLEY, W. G., 821(L)
ELLISON, P. *See* AMIEL-TISON, C., 671
Encephalopathy, newborn, relationship with perinatal hypoxia (abstr.), 413
ENGLISH, D. R. *See* STANLEY, F. J., 559
Epilepsy
childhood-onset, intellectual functions of patients with, 25
handicap and, from birth to 36 years, 719
home monitoring, 819(L)
infantile status epilepticus as complication of 'near-miss' sudden infant death, 120(L)
intractable, children with, cerebral blood flow: effect of ACTH (abstr.), 413
in infantile hemiplegia: hemispherectomy, 251
myoclonic, and maternally inherited mitochondrial myopathy (abstr.), 274
partial status epilepticus, associated with prolonged focal cerebral oedema (abstr.), 411
quantitative vibratory perception thresholds of healthy and epileptic children, 772
EPSTEIN, C. M. *See* ROSING, H. S., 274
EVANS, P., JOHNSON, A., MUTCH, L. and ALBERMAN, E.: Report of a meeting on the standardisation of recording and reporting of cerebral palsy, 547(L)
Excitation-contraction latency in the muscle of children and adults, 642
Exertion level and intensity of associated movements, 205
Eye movements of visually impaired children, 285

Facial surgery in Down syndrome: psychological and ethical issues (abstr.), 410
FAGAN, D. G. *See* TROUNCE, J. Q., 467
Family(ies)
communication with families about Duchenne muscular dystrophy, 596
dissolution and reconstitution, child disablement and, 610
impact on, of spina bifida, 53
of children with myelomeningocele, stress in, 220
therapy, and the handicapped child; 247
FARBER, J. M.: Fenfluramine and autism, 817(L)
FARRELL, K. *See* JAN, J. E., 285
Feeding
links with language and learning, 11
theory and practice of, 3
FEJERMAN, N.: Disintegrative psychosis of childhood: teenage follow-up, 818(L)
Fenfluramine, effects in autism syndrome, 229, 817(L)
FENTRESS, D. W., MASEK, B. J., MEHEGAN, J. E. and BENSON, H.: Biofeedback and relaxation-response training in the treatment of paediatric migraine, 139
FENWICK, P. B. C. *See* BRITTEN, N., 719
FERNÁNDEZ, F., PÉREZ-HIGUERAS, A., HERNÁNDEZ, R., VERDÚ, A., SÁNCHEZ, C., GONZÁLEZ, A. and QUERO, J.: Hydranencephaly after maternal butane-gas intoxication during pregnancy, 361
FERRIÈRE, G. *See* GUSSETTA, F., 62
Fetal alcohol syndrome, maternal auto-immune aetiology, 654
Fetus, effects of hyperthermia, 806
FIELDER, A. R., LEVENE, M. I., RUSSELL-LEGGITT, I. M. and WEALE, R. A.: Temperature, a factor in ocular development? 279
FINLAY, B. L. *See* JANOWSKY, J. S., 375
FISHER, W., KERBESHIAN, J., BURD, L. and KOLSTOE, P.: Tuberous sclerosis and autism, 814(L)
FITZPATRICK, C. and BARRY, C.: Communication within families about Duchenne muscular dystrophy, 596
and GARVEY, C.: Psychiatric disorder among boys with Duchenne muscular dystrophy, 589
FLACK, F. C. *See* SELLEY, W. G., 821(L)
Flexor spastic signs, development, in preterm infants, 45
FLODMARK, A.: Augmented auditory feedback as an aid in gait training of the cerebral-palsied child, 147
Folic acid in treatment of children with the autism fragile-X syndrome (AFRAX), 624
FORD, G. W. *See* KITCHEN, W. H., 579
FORSYTHE, W. I. *See* HODGES, S., 708
FOSTER, J. W.: Possible maternal auto-immune component in the aetiology of the fetal alcohol syndrome, 654
FREEMAN, J.: Up-date on gifted children, 77
Friedreich's ataxia, children with, information processing speed of, 310
FUTAGI, Y. and ABE, J: The effect of ACTH on cerebral blood flow in children with intractable epilepsy (abstr.), 413

Gait training of the cerebral-palsied child, augmented auditory feedback, 147
GALBRAITH, R. S. *See* LOW, J. A., 413
GALLOWAY, J. H. *See* BENNETT, M. J., 815(L)
GANS, B. M. *See* MCCARTY, S. M., 369
GARNER, J. B. *See* MCQUEEN, P. C., 697
GARVEY, C. *See* FITZPATRICK, C., 589
GATEV, V., STEFANOVA-UZUNOVA, M., STAMATOVA, L. and OVANOV, I.: Excitation-contraction latency in the muscles of children and adults, 642
GATH, A.: Ageing and mental handicap, 519
Gifted children, up-date on, 77
GILLBERG, C., WAHLSTRÖM, J., JOHANSSON, R., TÖRBLOM, M. and ALBERTSSON-WIKLAND, K.: Folic acid as an adjunct in the treatment of children with the autism fragile-X syndrome (AFRAX), 624
GILLIES, D. *See* HODGES, S., 708
GILLIS, W. S. *See* BENNETT, M. J., 815(L)
GJERRIS, J. *See* SCHMIDT, K., 835
GOFF, S. C. *See* ROYER-POKORA, B., 833
GONZÁLEZ, A. *See* FERNÁNDEZ, F., 361
GOODMAN, R.: Hemispherectomy and its alternatives in the treatment of intractable epilepsy in patients with infantile hemiplegia, 251
GOODYER, I. M.: Family therapy and the

handicapped child, 250
GORDON, N.: Congenital myasthenia, 810
Intermittent deafness and learning, 364
Left-handedness and learning, 656
GÖRKE, W.: Somatosensory evoked cortical potentials indicating impaired motor development in infancy, 633
GOTTLIEB, G. L. *See* MYKLEBUST, B. M., 440
GOWER, D. J. *See* KIRKPATRICK, J. S., 511
Granulomatous disease, chronic, cloning the gene for, on the basis of its chromosomal location (abstr.), 834
GRAVES, L. *See* PARKINSON, C. E., 498
GREEN, P. *See* SHAPIRO, B. K., 729
GREEN, S. *See* ADAMS, C., 236
GRIGGS, R. C. *See* MENDELL, J. R., 272
Growth failure, sequelae, in appropriate for gestational age, very low-birthweight infants, 472
linear measurement: comparison of single arm-lengths and arm-span, 319
of severely impaired children: neurological *vs.* nutritional factors, 729
GUTHKELCH, A. N.: Aspects of the surgical management of myelomeningocele: review, 525
GUZZETTA, F., TORTORELLA, G., CARDIA, E. and FERRIERE, G.: Familial dysautonomia in a non-Jewish girl, with histological evidence of progression in the sural nerve, 62

HADDERS-ALGRA, M., TOUWEN, B. C. L. and HUISJES, H. J.: Neurologically deviant newborns, neurological and behavioural outcome at age six, 569
Haematoma
cause of traumatic trochlear-nerve palsy, 509
subgleal, in a child, without skull fracture, 511
HALLER, J. C. *See* BARTOSHESKY, L. E., 273
HALONEN, J.-P. *See* HALONEN, P., 772
HALONEN, P., YLITALO, V., HALONEN, J.-P. and LANG, H.: Quantitative vibratory perception thresholds of healthy and epileptic children, 772
HAMILTON, A. H., MINNS, R. A., SYME, J. and CRAIG, G. L.: Home monitoring of epilepsy, 819(L)
HAMILTON, J. *See* WATT, J., 480
Hand dominance, of wheelchair-dependent DMD patients, 628
Handedness
aphasia and (abstr.), 832
left-handedness and learning, 656
Marguerite Auzias' test of, 546(L)
Handicap
child with, family therapy and, 247
epilepsy and, from birth to 36 years, 719
mental, and ageing, 519
major, causal origins, in the Canadian Maritime Provinces, 697
self-esteem of children and adolescents with, 81
HARCKHAM, F. *See* WATT, J., 480
HART, R. P., HENRY, G. K., KWENTUS, J. A. and LESHNER, R. T.: Information processing speed of children with Friedreich's ataxia, 310
HARVEY, D. *See* PARKINSON, C. E., 498
Head
movements, of visually impaired children, 285
narrow, of the preterm infant, 745
-turning, asymmetrical, of preterm infants, 450
Hemiplegia, infantile, intractable epilepsy in patients with: hemispherectomy, 251
Hemispherectomy, treatment of intractable epilepsy in infantile hemiplegia, 251
HENRY, G. K. *See* HART, R. P., 310
HERISHANU, Y. *See* ABARBANEL, J. M., 509
HERNANDEZ, R. *See* FERNÁNDEZ, F., 361
HERSKOWITZ, J.: Neurologic presentations of panic disorder in childhood and adolescence, 617
HERTZANU, Y. *See* ABARBANEL, J. M., 509
Hexosaminidase, late-onset and deficiency, 236
HILL, A. E. and ROSENBLOOM, L.: Disintegrative psychosis of childhood: teenage follow-up, 34
HINGSON, R. *See* ZUCKERMAN, B. S., 649
HODGES, S., FORSYTHE, W. I., GILLIES, D., REMINGTON, H. and CAWOOD, A.: Bio-availability and dissolution of three phenytoin preparations for children, 708
HOLDEREGGER, C. *See* KEEFER, D., 273
Home monitoring of epilepsy, 819(L)
HOPKINS, I. J. *See* DUNNE, K., 198
HOPKINS, L. C. *See* ROSING, H. S., 274
HOSKING, G. P. *See* BENNETT, M. J., 815(L)
HOY, E. A. *See* BILL, J. M., 244
HSU, A. M. *See* LEHMAN, M., 628
HSU, J. D. *See* LEHMAN, M., 628; SLAGER, U. T., 749
HUISJES, H. J. *See* HADDERS-ALGRA, M., 569
HUTCHINSON, R. N. *See* SILVERSTEIN, F. S., 411
HVIDBERG, E. F. *See* SCHMIDT, K., 835
Hydranencephaly after maternal butane-gas intoxication during pregnancy, 361
Hydrocephaly, trial of antibiotic prophylaxis in CSF shunting (abstr.), 835
Hypertension, intracranial, severe, management by surgical decompression, 506
Hyperthermia, effects on fetus, 806
Hypoxia, perinatal, relationship to newborn encephalopathy (abstr.), 413

IgM monoclonal gammopathy and polyneuropathy: role of anti-myelin-associated glycoprotein antibody (abstr.), 272
ILLINGWORTH, R. S.: Norms for development, 122(L)
Imagination and peer reviewing, 415
Infants. *See also* Sudden infant death syndrome
Acuity Card Procedure, assessment of visual acuity, 779
appropriate for gestational age, very low-birth-weight: sequelae of growth failure, 472
asphyxiation at birth: early predictors of one-year outcome, 303
in the fullterm newborn, 671
cognition, prediction by Clinical Linguistic and Auditory Milestone Scale, 762
extremely premature, auditory and visual abilities, assessment, 458
head-turning, asymmetrical, of preterm infants, 450
intracranial aneurysms, features, 68
low-birthweight (<2000g): cerebral palsy, 559
studies: difficulties in comparing outcomes because of obsolescent test norms, 244
motor development of healthy preterm and fullterm infants, use of chronological and adjusted ages for comparison, 180
narrow heads of preterm infants—do they matter? 745
newborn
birth asphyxia, 671
cerebral function, non-invasive assessment, 372

Infants, newborn, cont.
encephalopathy, relationship with perinatal hypoxia (abstr.), 413
neurologically deviant: outcome at age six, 569
sucking and swallowing by, organization of, 19
ultrasonographic study of, 821(L)
perinatal mortality, epidemiology (abstr.), 412
preterm, flexor spastic signs, development of, 45
small-for-dates, behavioural differences as school-agers, 498
stretch reflexes, 440, 814(L)
ventricular dilatation in preterm babies, early indication of, by suboccipito-vault skull diameter, 740
very low-birthweight: improved outcome to two years, 579
neurodevelopmental outcome at three years, early predictors of, 171
Information processing speed of children with Friedreich's ataxia, 310
Inhibitive casting as adjunct to physiotherapy for cerebral-palsied children, 480
Intellectual functioning
assessment across life-span in severe cerebral palsy, 369
of patients with childhood-onset epilepsy, 25
Intracranial
aneurysms, features, in infants, 68
haemorrhage, infantile, and severe neurological sequelae following theophylline overdose: second case, 121(L)
parturitional, traumatic, 156
hypertension, severe, management by surgical decompression, 506
Italian experience, the, understanding (abstr.), 272
IVANOV, I. *See* GATEV, V., 642

JACKSON, R. H. *See* STUBBS, E. G., 229
JAIN, S. and MAHESHWARI, M. C.: Progressive familial myoclonus without EEG abnormality, 259(L)
JAN, J. E., FARRELL, K., WONG, P. K. and MCCORMICK, A. Q.: Eye and head movements of visually impaired children, 285
JANOWSKY, J. S. and FINLAY, B. L.: The outcome of perinatal brain damage: the role of normal neuron loss and axon retraction, 375
JAY, G. *See* SMALL, J. A., 834
JC papovirus, human, early region, induction of dysmyelination in transgenic mice (abstr.), 834
JOHANSSON, R. *See* GILLBERG, C., 624
JOHNSON, A. *See* EVANS, P., 547(L)
JOHNSTON, M. V. *See* SILVERSTEIN, F. S., 411
JONES, K. and POLETTI, A.: Understanding the Italian experience (abstr.), 272

KAHN, A., PICARD, E. and BLUM, D.: Auditory arousal thresholds of normal and near-miss SIDS infants, 299
KARCHMAN, E. J. *See* LOW, J. A., 413
KAZAK, A. E. and CLARKE, M. W.: Stress in families of children with myelomeningocele, 220
KEEFER, D. and HOLDEREGGER, C.: The ontogeny of oestrogen receptors: brain and pituitary (abstr.), 273
KELLY, D. L., Jr. *See* KIRKPATRICK, J. S., 511
KENDALL, B. *See* CAVANAGH, N., 799
KERBESHIAN, J. *See* FISHER, W., 814(L)
KHOURY, G. *See* SMALL, J. A., 834
KILLEN, H. L. *See* LOW, J. A., 413
Kinaesthetic sensitivity, measurement of, 188, 194, 543(L), 544(L)
KIRKHAM, F. J. and NEVILLE, B. G. R.: Successful management of severe intracranial hypertension by surgical decompression, 506
KIRKPATRICK, J. S., GOWER, D. J., CHAUVENET, A. and KELLY, D. L., Jr.: Subgleal haematoma in a child, without skull fracture, 511
KITCHEN, W. H., RICKARDS, A. L., RYAN, M. M., FORD, G. W., LISSENDEN, J. V. and BOYLE, L. W.: Improved outcome to two years of very low-birthweight infants: fact or artefact? 579
KOLSTOE, P. *See* FISHER, W., 814(L)
KONISHI, Y., MIKAWA, H. and SUZUKI, J.: Asymmetrical head-turning of preterm infants: some effects on later postural and functional lateralities, 450
See also UMEKI, S., 123(L)
KONTOPOLOUS, E., MINNS, R. A., O'HARE, A. E. and EDEN, O. B.: Sedimentation cytomorphology of the CSF in ventriculitis, 213
Krabbe's disease, infantile, high density on computed tomography in, 799
KRANE, E. J., ROCKOFF, M. A., WALLMAN, J. K. and WOLSDORF, J. I.: Subconical brain swelling in children during treatment of diabetic ketoacidosis (abstr.), 412
KRICK, J. *See* SHAPIRO, B. K., 729
KRISTIANSEN, J. E. *See* SCHMIDT, K., 835
KRUSE-LARSEN, C. *See* SCHMIDT, K., 835
KUNKEL, L. M. *See* ROYER-POKORA, B., 833
KWENTUS, J. A. *See* HART, R. P., 310

LACEY, D. J.: Agenesis of the corpus callosum (abstr.), 833
LAND, R. *See* ROBINSON, R. O., 49
LANEY, M. *See* WOODY, R. C., 121(L)
LANG, H. *See* HALONEN, P., 772
Language
and learning, links with feeding, 11
development, of term and preterm children during the first five years of life, 333
LARGO, R. H., MOLINARI, L., PINTO, L. C., WEBER, M. and DUC, G.: Language development of term and preterm children during the first five years of life, 333
LASZLO, J. I. *See* BAIRSTOW, P. J., 194, 544(L)
LAWTON, D. *See* COOKE, K., 610
LAZARUS, J. C. *See* TODOR, J. I., 205
Learning
intermittent deafness and, 364
language and, links with feeding, 11
left-handedness and, 656
LEATON, E. *See* CRISTOSTOMO, E. A., 68
Left-handedness and learning, 656
LEHMAN, H., HSU, A. M. and HSU, J. D.: Spinal curvature, hand dominance and prolonged upper-extremity use of wheelchair-dependent DMD patients, 628
LEPP, D. *See* MARTIN, A. J., 314
Lesch-Nyhan syndrome: CSF neurotransmitter abnormalities (abstr.), 411
LESHNER, R. T. *See* HART, R. P., 310
LESNÝ, I., PROSKOVÁ, M. and ZOBAN, P.: Development of flexor spastic signs in preterm infants, 45
LEVENE, M. I.: Non-invasive assessment of neonatal cerebral function, 372
See also FIELDER, A. R., 279; TROUNCE, J. Q., 467

LEVY, Y. *See* SHAFRIR, Y., 646
LIEBER, R. L.: Skeletal muscle adaptability. I. Review of basic properties, 390
II. Muscle properties following spinal-cord injury, 533
III. Muscle properties following chronic electrical stimulation, 662
Linear growth measurement: comparison of single arm-lengths and arm-span, 319
Lipid abnormalities in serum in Batten's disease, 815(L)
LIPPER, E. G., VOORHIES, T. M., ROSS, G., VANNUCCI, R. C. and AULD, P. A. M.: Early predictors of one-year outcome for infants asphyxiated at birth, 303
See also ROSS, G., 171
LIPPOLD, T. *See* ROBINSON, R. O., 49
LISSENDEN, J. V. *See* KITCHEN, W. H., 579
LITTLE, J. *See* MARTIN, A. J., 314
Locomotor
development, early, effects of babywalkers, 757
disability, very young children with: effects of powered mobility on self-initiated behaviours, 325
LOUGH, L. K. and NIELSEN, D. H.: Ambulation of children with myelomeningocele: parapodium *vs.* parapodium with ORLAU swivel modification, 489
LOW, L. A., GALBRAITH, R. S., MUIR, D. W., KILLEN, H. L., PATER, E. A. and KARCHMAR, E. J.: The relationship between hypoxia and newborn encephalopathy (abstr.), 413

MCCARTY, S. M., ST. JAMES, P., BERNINGER, V. W. and GANS, B. M.: Assessment of intellectual functioning across the life-span in severe cerebral palsy, 369
MCCORMICK, A. Q. *See* JAN, J. E., 285
MCCORMICK, M. C., CHARNEY, E. B. and STEMMLER, M. M.: Assessing the impact of a child with spina bifida on the family, 53
MCDONALD, M. *See* TELLER, D. Y., 779
MACFARLANE, A.: Malibu Cerebral Palsy Working group, California, 1986: report, 683
Mac Keith Press, 1
MCKINLAY, I. *See* TOMLIN, P. I., 713
MCMILLAN, A. *See* WATT, J., 480
MCQUEEN, P. C., SPENCE, M. W., WINSOR, E. J. T., GARNER, J. B. and PEREIRA, L. H.: Causal origins of major mental handicap in the Canadian Maritime Provinces, 697
MAHESHWARI, M. C. *See* JAIN, S., 259(L)
Malibu Cerebral Palsy Working Group, California, 1986: report, 683
Marguerite Auzias' test of handedness, 546(L)
MARTIN, A. J., STERN, L., YEATES, J., LEPP, D. and LITTLE, J.: Respiratory muscle training in Duchenne muscular dystrophy, 314
MASEK, B. J. *See* FENTRESS, D. W., 139
Maternal age and congenital optic nerve hypoplasia, 294
MEARIG, J.: Facial surgery and an active modification approach for children with Down syndrome: some psychological and ethical issues (abstr.), 410
MEHEGAN, J. E. *See* FENTRESS, D. W., 139
MELANSON, D. *See* SAMMARITANO, M., 411
MENDELL, J. B., SAHENK, Z., WHITAKER, J. N., TRAPP, B. D., YATES, A. J., GRIGGS, R. C. and QUARLES, R. H.: Polyneuropathy and IgM monoclonal gammopathy: studies on the pathogenetic role of anti-myelin-associated glycoprotein antibody (abstr.), 272
Mental handicap
and ageing, 519
major, causal origins, in the Canadian Maritime Provinces, 697
X-linked retardation and infantile spasm, in two brothers, 544(L)
MICHELI, J.-L. *See* DEONNA, T., 120(L)
Migraine, paediatric, treatment, biofeedback and relaxation-response training in, 139
MIKAWA, H. *See* KONISHI, Y., 450
MINDE, K.: Bonding and attachment: its relevance for the present-day clinician, 803
MINNS, R. A. *See* HAMILTON, A. H., 819(L); KONTOPOLOUS, E., 213
MITCHELL, R. G. *See* BAX, M. C. O., 1
Mitochondrial myopathy, maternally inherited, and myoclonic epilepsy (abstr.), 274
MOLINARI, L. *See* LARGO, R. H., 333
MONACO, A. P. *See* ROYER-POKORA, B., 833
MORGAN, K. *See* BRITTEN, N., 719
MORIMOTO, K. *See* UMEKI, S., 123(L)
Motor development
impaired in infancy, indicated by somatosensory evoked cortical potentials, 633
of healthy preterm and fullterm infants, age comparison, 180
MUIR, D. W. *See* LOW, J. A., 413
MURRAY, G. E. *See* PATRICK, J., 734
Muscle(s)
activity, of patients with cerebral palsy, effects of body orientation in space, 41
excitation-contraction latency, 642
paraspinous, in idiopathic scoliosis, morphometry and pathology, 749
properties following chronic electrical stimulation, 662
properties following spinal-cord injury, 533
respiratory, training, in Duchenne muscular dystrophy, 314
skeletal muscle, basic properties, 390
MUTCH, L. *See* EVANS, P., 547(L)
Myasthenia, congenital, 810
Myelomeningocele
ambulation in children with: parapodium *vs.* parapodium with ORLAU swivel modification, 489
family stress of children with, 220
seizures in children with (abstr.), 273
surgical management, 525
upper-limb function of children with, 790
MYKLEBUST, B. M., GOTTLIEB, G. L. and AGARWAL, G. C.: Stretch reflexes of the normal infant, 440
Myoclonus, progressive familial, without EEG abnormality, 259(L)

NAIM-UR-RAHMAN and ADAM, K. A. R.: Congenital polycystic disease of the brain: report of an unusual case, 72
Neurodevelopmental outcome at three years of very low-birthweight infants, early predictors of, 171
Neurological
presentations, of panic disorder in childhood and adolescence, 617
'soft signs' in adolescents, assessment, 428
test performance, of children without focal neurological deficit, 10-year consistency in, 417

Neurological, cont.
vs. nutritional factors, in growth of severely impaired children, 729
Neurologically deviant newborns: outcome at age six, 569
Neurons
loss, normal, in perinatal damage, 375
migration, disorders of, 467
NEVILLE, B. G. R. *See* KIRKHAM, F. J., 506
NEWBURGER, P. E. *See* ROYER-POKORA, B., 833
NG, S.K.-C. *See* SHAFER, S. Q., 417; STOKMAN, C. J., 428
NIELSEN, D. H. *See* LOUGH, L. K., 489
NITZAM, M. *See* SHAFRIR, Y., 646
Nocturnal enuresis and penile erection in childhood, 548(L)
No-fault compensation for accidental injury, 515, 518
Norms for development, 122(L)
Nutritional *vs.* neurological factors in growth of severely handicapped children, 729
NWAOBI, O. M.: Effects of body orientation in space on tonic muscle activity of patients with cerebral palsy, 41
and SMITH, P. D.: Effect of adaptive seating on pulmonary function of children with cerebral palsy, 351

O'CONNOR, P. A. *See* SHAFER, S. Q., 417; STOKMAN, C. J., 428
Ocular development, temperature as factor in? 279
Oestrogen receptors, ontogeny: brain and pituitary (abstr.), 273
O'GORMAN, A. M. *See* VARGHA-KHADEM, F., 832
O'HARE, A. E. *See* KONTOPOLOUS, E., 213
OPPENHEIMER, S. *See* BELT-NIEDBALA, B. J., 319
Optic nerve hypoplasia, congenital, and maternal age, 294
ORGILL, A. A. *See* ASTBURY, J., 472
ORKIN, S. H. *See* ROYER-POKORA, B., 833
ORLAU swivel modification with parapodium: in ambulation of children with myelomeningocele, 489
OSGAARD, O. *See* SCHMIDT, K., 835

PALISANO, R. J.: Use of chronological and adjusted ages to compare motor development of healthy preterm and fullterm infants, 180
PALMER, F. B. *See* CAPUTE, A. J., 762
Panic disorder, neurological presentations of, in childhood and adolescence, 617
PAPPIUS, H. M. *See* SAMMARITANO, M., 411
Parapodium, in ambulation of children with myelomeningocele, 489
Paraspinous muscles in idiopathic scoliosis, 749
PARKINSON, C. E., SCRIVENER, R., GRAVES, L., BUNTON, J. and HARVEY, D.: Behavioural differences of school-age children who were small-for-dates babies, 498
Parturitional intracranial haemorrhage, traumatic, 156
PATER, E. A. *See* LOW, J. A., 413
PATRICK, J., BOLAND, M., STOSKI, D. and MURRAY, G. E.: Rapid correction of wasting in children with cerebral palsy, 734
Peer reviewing and imagination, 415
Penile erection and nocturnal enuresis in childhood, 548(L)
PEREIRA, L. H. *See* MCQUEEN, P. C., 697
PÉREZ-HIGUERAS, A. *See* FERNÁNDEZ, F., 361
Perinatal care—success or failure? 277
Phenytoin, bio-availability and dissolution of three preparations for children, 708
PICARD, E. *See* KAHN, A., 299
PINTO, L. C. *See* LARGO, R. H., 333
Pituitary, oestrogen receptors, ontogeny (abstr.), 273
POLETTI, A. C. *See* JONES, K., 272
Polycystic disease, congenital, of the brain, 72
Polyneuropathy and IgM monoclonal gammopathy: role of anti-myelin-associated glycoprotein antibody (abstr.), 272
Powered mobility, effects on self-initiated behaviours of very young children with locomotor disability, 325
Pregnancy, alcohol consumption during, 649
PRESTON, K. *See* TELLER, D. Y., 779
PROSKOVÁ, M. *See* LESNÝ, I., 45
Psychiatric disorder among boys with Duchenne muscular dystrophy, 589
Pulmonary function of children with cerebral palsy, effect of adaptive seating, 351

QUARLES, R. H. *See* MENDELL, J. R., 272
QUERO, J. *See* FERNÁNDEZ, F., 361

Relaxation-response and biofeedback training in treatment of paediatric migraine, 139
REMINGTON, H. *See* HODGES, S., 708
Respiratory muscle training in Duchenne muscular dystrophy, 314
RICKARDS, A. L. *See* KITCHEN, W. H., 579
RIDEAU, Y.: Prophylactic surgery for scoliosis in Duchenne muscular dystrophy, 398(L)
RISOS, A.: Stretch reflexes of the normal infant, 814(L)
RITVO, E. R. *See* STUBBS, E. G., 229
ROBINSON, G. C. and CONRY, R. F.: Maternal age and congenital optic nerve hypoplasia: a possible clue to aetiology, 294
ROBINSON, R. O., LIPPOLD, T. and LAND, R.: Body schema: does it depend on bodily-derived sensations? 49
ROBINSON, T. *See* STROH, K., 3, 11
ROCHEFORT, M. *See* ABOUALFA, M., 740
ROCKOFF, M. A. *See* KRANE, E. J., 412
RODIN, E. A., SCHMALTZ, S. and TWITTY, G.: Intellectual functions of patients with childhood-onset epilepsy, 25
ROSENBLOOM, L. *See* HILL, A. E., 34
ROSENBLUM, E. L. *See* CRISOSTOMO, E. A., 68
ROSING, H. S., HOPKINS, L. C., WALLACE, D. C., EPSTEIN, C. M. and WEIDENHEIM, K.: Maternally inherited mitochondrial myopathy and myoclonic epilepsy (abstr.), 274
ROSS, A. *See* CAPUTE, A. J., 762
ROSS, G., LIPPER, E. and AULD, P. A. M.: Early predictors of neurodevelopmental outcome of very low-birthweight infants at three years, 171
See also LIPPER, E. G., 303
ROYER-POKORA, B., KUNKEL, L. M., MONACO, A. P., GOFF, S. C., NEWBURGER, P. E., BAEHNER, R. L., COLE, F. S., CURNUTTE, J. T. and ORKIN, S. H.: Cloning the gene for an inherited human disorder—chronic granulomatous disease—on the basis of its chronological location (abstr.), 834
RUGTVEIT, J.: X-linked mental retardation and infantile spasms in two brothers, 544(L)
RUSSELL-EGGITT, I. M. *See* FIELDER, A. R., 279

RYAN, M. M. *See* KITCHEN, W. H., 579

SAHENK, Z. *See* MENDELL, J. R., 272
ST. JAMES, P. *See* MCCARTY, S. M., 369
SAMMARITANO, M., ANDERMANN, P., MELANSON, D., PAPPIUS, H. M., CAMFIELD, P., AICARDI, J. and SHERWIN, A.: Prolonged focal cerebral oedema associated with partial status epilepticus (abstr.), 411
SÁNCHEZ, C. *See* FERNÁNDEZ, F., 361
SATZ, P. *See* ARAM, D. M., 165
SAUNDERS, N. R.: Development of human blood-CSF-brain barrier, 261(L)
SCANGOS, G. A. *See* SMALL, J. A., 834
SCHERZER, A. L.: Toward a world perspective, 557
SCHMALTZ, S. *See* RODIN, E. A., 25
SCHMIDT, K., GJERRIS, J., OSGAARD, O., HVIDBERG, E. F., KRISTIANSEN, J. E., DAHLERUP, B. and KRUSE-LARSEN, C.: Antibiotic prophylaxis in cerebrospinal fluid shunting: a prospective randomized trial in 152 hydrocephalic patients (abstr.), 835
SCHMIDT, L. *See* WATT, J., 480
SCHMIDT, S. *See* CAPUTE, A. J., 762
SCHONFELD, I. S. *See* SHAFER, S. Q., 417
Scoliosis, idiopthic, paraspinous muscles in, 749
  in Duchenne muscular dystrophy, prophylactic surgery for, 398(L)
SCOTT, M. *See* BARTOSHESKY, L. E., 273
SCRIVENER, R. *See* PARKINSON, C. E., 498
Seating, adaptive, effect on pulmonary function of children with cerebral palsy, 351
SEBRIS, S. L. *See* TELLER, D. Y., 779
Sedimentation cytomorphology of the CSF in ventriculitis, 213
Seizures in children with myelomeningocele (abstr.), 273
Self-esteem of handicapped children and adolescents, 81
SELLEY, W. G., ELLIS, R. E., FLACK, F. C., CURTIS, H. and CALLON, M.: Ultrasonographic study of sucking and swallowing by newborn infants, 821(L)
SHAFER, S. Q., STOKMAN, C. J., SHAFFER, D., NG, S.K.-C., O'CONNOR, P. A. and SCHONFELD, I. S.: 10-year consistency in neurological test performance of children without focal neurological deficit, 417
  See also STOKMAN, C. J., 428
SHAFFER, D. *See* SHAFER, S. Q., 417; STOKMAN, C. J., 428
SHAFRIR, Y., LEVY, Y., BEHARAB, A., NITZAM, M. and STEINHERZ, R.: Acute dystonic reaction to bethanechol—a direct acetylcholine receptor agonist, 646
SHAPIRO, B. K., GREEN, P., KRICK, J., ALLEN, D. and CAPUTE, A. J.: Growth of severely impaired children: neurological *vs.* nutritional factors, 729
  See also CAPUTE, A. J., 762
SHERWIN, A. *See* SAMMARITANO, M., 411
SHIELD, L. K. *See* DUNNE, K., 198
SILVERSTEIN, F. S., JOHNSTON, M. V., HUTCHINSON, R. J. and EDWARDS, N. L.: Lesch-Nyhan syndrome: CSF neurotransmitter abnormalities (abstr.), 411
SIMS, D. *See* WATT, J., 480
Skeletal muscle adaptability
  muscle properties following chronic electrical stimulation, 662
Skeletal muscle adaptability, cont.
  muscle properties following spinal-cord injury, 533
  review of basic properties, 390
SKOFF, H. and WOODBERRY, D. F.: Management of the upper extremity in cerebral palsy (abstr.), 274
Skull
  fracture, absence of, in a child with subgleal haematoma, 511
  suboccipito-vault diameter: early indicator of ventricular dilatation in preterm babies, 740
SLAGER, U. T. and HSU, J. D.: Morphometry and pathology of the paraspinous muscles in idiopathic scoliosis, 749
SMALL, J. A., SCANGOS, G. A., CORK, L., JAY, G. and KHOURY, G.: The early region of human papovirus JC induces dysmyelination in transgenic mice (abstr.), 834
SMITH, I. *See* TOMLIN, P. I., 713
SMITH, M. R., EDWARDS, M. J. and UPFOLD, J. B.: The effects of hyperthermia on the fetus, 806
SMITH, P. D. *See* NWAOBI, O. M., 351
Somatosensory evoked cortical potentials indicating impaired motor development in infancy, 633
Spasms, infantile, and X-linked mental retardation in two brothers, 544(L)
SPENCE, M. W. *See* MCQUEEN, P. C., 697
Spina bifida, impact on the family, 53
Spinal-cord injury, muscle properties following, 533
Spinal curvature, of wheelchair-dependent patients with DMD, 628
STAMATOVA, L. *See* GATEV, V., 642
STANLEY, F. J. and ENGLISH, D. R.: Prevalence of and risk factors for cerebral palsy in a total population cohort of low-birthweight (<2000g) infants, 559
STARTE, D. *See* ELLIMAN, A. M., 745
Status epilepticus, infantile, as complication of 'near-miss' sudden infant death, 120(L)
STEFANOVA-UZUNOVA, M. *See* GATEV, V., 642
STEINHERZ, R. *See* SHAFRIR, Y., 646
STEMMLER, M. M. *See* MCCORMICK, M. C., 53
STERN, L. *See* MARTIN, A. J., 314
STIRRAT, G. M.: No-fault compensation for accidental injury, 515
STOKMAN, C. J., SHAFER, S. Q., SHAFFER, D., NG, S.K.-C., O'CONNOR, P. A. and WOLFF, R. R.; Assessment of neurological 'soft signs' in adolescents: reliability studies, 428
  See also SHAFER, S. Q., 417
STOSKI, D. *See* PATRICK, J., 734
STRAND, R. *See* WELCH, K., 156
Sress in families of children with myelomeningocele, 220
Stretch reflexes of the normal infant, 440, 814(L)
STROH, G. *See* STROH, K., 3, 11
STROH, K., ROBINSON, T. and STROH, G.: A therapeutic feeding programme. I. theory and practice of feeding, 3
  II: links with language and learning, 11
STUBBS, E. G., BUDDEN, S. S., JACKSON, R. H., TERDAL, L. G. and RITVO, E. R.: Effects of fenfluramine on eight outpatients with the syndrome of autism, 229
Sucking and swallowing
  by newborn infants, organization of, 19
  ultrasonographic study, 821(L)
Sudden infant death syndrome
  auditory arousal thresholds of normal and near-miss SIDS infants, 299

Sudden infant death syndrome, cont.
near-miss, complicated by infantile status epilepticus, 120(L)
Sural nerve: familial dysautonomia in a non-Jewish girl, 62
SUZUKI, J. *See* KONISHI, Y., 450
Swallowing and sucking
by newborn infants, organization of, 19
ultrasonographic study, 821(L)
SYKES, D. H. *See* BILL, J. M., 244
SYME, J. *See* HAMILTON, A. H., 819(L)

Teenage follow-up of disintegrative psychosis of childhood, 34, 818(L)
TELLER, D. Y., MCDONALD, M., PRESTON, K., SEBRIS, S. L. and DOBSON, V.: Assessment of visual acuity in infants and children: the Acuity Card Procedure, 779
Temperature, factor in ocular development? 279
TERAO, A. *See* UMEKI, S., 123(L)
TERDAL, L. G. *See* STUBBS, E. G., 229
Theophylline overdose, infantile intracranial haemorrhage and severe neurological sequelae following: second case, 122(L)
Therapy for the cerebral-palsied child: aims and outcomes, 695
TODOR, J. I. and LAZARUS, J. C.: Exertion level and the intensity of associated movements, 205
TOMLIN, P. I., MCKINLAY, I. and SMITH, I.: A study on carbamazepine levels, including estimation of 10-11 epoxy-carbamazepine and levels in free plasma and saliva, 713
TÖRNBLOM, M. *See* GILLBERG, C., 624
TORTORELLA, G. *See* GUZZETTA, F., 62
TOUWEN, B. C. L. *See* HADDERS-ALGRA, M., 569
TRAPP, B. D. *See* MENDELL, J. R., 272
Trauma, response to, of fetal rat brain, during the 17th to 21st days of gestation, 600
Treatment, new forms of, 137
Trochlear-nerve palsy, traumatic, due to haematoma, 509
Trophic changes following early unilateral injury to the brain, 165
TROUNCE, J. Q., FAGAN, D. G., YOUNG, I. D. and LEVENE, M. I.: Disorders of neuronal migration: sonographic features, 467
Tuberous sclerosis and autism, 814(L)
TURNER, A.: Upper-limb function of children with myelomeningocele, 790
TWITTY, G. *See* RODIN, E. A., 25

UMEKI, S.: Nocturnal enuresis and penile erection in childhood, 548(L)
with KONISHI, Y., YASUDA, T., MORIMOTO, K. and TERAO, A.: Elastase I levels during oral zinc therapy, 123(L)
UPFOLD, J. B. *See* SMITH, M. S. R., 806
Upper-extremity use, prolonged, in wheelchair-dependent DMD patients, 628

VANNUCCI, R. C. *See* LIPPER, E. G., 303
VARGHA-KHADEM, F., O'GORMAN, A. M. and WATTERS, G. V.: Aphasia and handedness in relation to hemispheric side, age at injury and severity of cerebral lesion during childhood (abstr.), 832
Ventricular dilatation in preterm babies, early indication of, by suboccipito-vault skull diameter, 740
Ventriculitis, sedimentation cytomorphology of CSF in, 213
VERDÚ, A. *See* FERNÀNDEZ, F., 361
Vibration perception thresholds, quantitative, of healthy and epileptic children, 772
Visual
abilities, of extremely premature infants, assessment, 458
acuity, in infants and children, assessment by Acuity Card Procedure, 779
impairment in children: eye and head movements, 285
VOORHIES, T. M. *See* LIPPER, E. G., 303

WACHTEL, R. C. *See* CAPUTE, A. J., 762
WAHLSTRÖM, J. *See* GILLBERG, C., 624
WALLACE, D. C. *See* ROSING, H. S., 274
WALLMAN, J. K. *See* KRANE, E. J., 412
Wasting in children with cerebral palsy, rapid correction of, 734
WATT, J., SIMS, D., HARCKHAM F., SCHMIDT, L., MCMILLAN, A. and HAMILTON, J.: A prospective study of inhibitive casting as an adjunct to physiotherapy for cerebral-palsied children, 480
WATTERS, G. V. *See* VARGHA-KHADEM, F., 832
WEALE, R. A. *See* FIELDER, A. R., 279
WEBER, F., WOOLRIDGE, M. W. and BAUM, J. D.: An ultrasonographic study of the organisation of sucking and swallowing by newborn infants, 19
WEBER, M. *See* LARGO, R. H., 333
WEIDENHEIM, K. *See* ROSING, H. S., 274
WELCH, K. and STRAND, R.: Traumatic parturitional intracranial haemorrhage, 156
WESSEL, J. *See* BELT-NIEDBALA, B. J., 319
Wheelchair-dependent DMD patients: spinal curvature, hand dominance and prolonged upper-extremity use, 628
WHITAKER, J. N. *See* MENDELL, J. R., 272
WILKINSON, A. *See* ABOUALFA, M., 740
WILLEMSE, J.: Benign idiopathic dystonia with onset in the first year of life, 355
WINSOR, E. J. T. *See* MCQUEEN, P. C., 697
WOJICK, C. *See* BARTOSHESKY, L. E., 273
WOLFF, R. R. *See* STOKMAN, C. J., 428
WOLFSDORF, J. I. *See* KRANE, E. J., 412
WONG, P. K. *See* JAN, J. E., 285
WOODBERRY, D. F. *See* SKOFF, H., 274
WOODY, R. C. and LANEY, M.: A second case of infantile intracranial haemorrhage and severe neurological sequelae following theophylline overdose, 121(L)
WOOLRIDGE, M. W. *See* WEBER, F., 19
World perspective, toward, 557

X-linked mental retardation and infantile spasms in two brothers, 544(L)

YASUDA, T. *See* UMEKI, S., 123(L)
YATES, A. J. *See* MENDELL, J. R., 272
YEATES, J. *See* MARTIN, A. J., 314
YLITALO, V. *See* HALONEN, P., 772
YOUNG, I. D. *See* TROUNCE, J. Q., 467
YU, V. Y. H. *See* ASTBURY, J., 472

Zinc therapy, oral, elastase I levels during, 123(L)
ZOBAN, P. *See* LESNÝ, I., 45
ZUCKERMAN, B. S. and HINGSON, R.: Alcohol consumption during pregnancy: a critical review, 649

EDITORIAL BOARD, 1986

SENIOR EDITOR: DR. MARTIN C. O. BAX
EDITORS: DR. HENRY BAIRD, DR. J. K. BROWN, PROF. K. J. CONNOLLY, DR. SUE JENKINS
MANAGING EDITOR: MR. B. HAYES
EDITORIAL BOARD: PROF. ROSS G. MITCHELL *(Chairman)*, DR. D. GARDNER-MEDWIN *(Vice-Chairman)*

PROF. M. ADINOLFI
DR. JEAN AICARDI
DR. CHARLES F. BARLOW
DR. ARNOLD J. CAPUTE
DR. PAMELA A. DAVIES
DR. PHILIP R. DODGE
DR. JOSEPH S. DRAGE
DR. JUDY DUNN
PROF. ROGER FREEMAN
PROF. P. GRAHAM
DR. GEORGE C. HINTON
DR. M. I. LEVENE
DR. AIDAN MACFARLANE
DR. I. MCKINLAY
DR. B. G. NEVILLE
PROF. P. E. POLANI
MR. B. A. ROPER
DR. PETER L. ROSENBAUM
MR. D. SCRUTTON
DR. DAVID H. SUTHERLAND

Printed in U.S.A.